Appendix 4

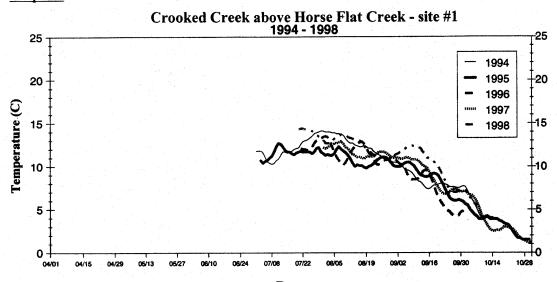
Beneficial Use Assessments

Crooked Creek

Crooked Creek

The first site is located in the headwaters of the watershed above the tributary of Horse Flat Creek (site 1). The monitoring site is located approximately 1.5 miles downstream from the origin of Crooked Creek at Dixie Summit. The next downstream temperature monitoring site is located approximately .5 miles above Big Creek and the wilderness boundary (site 2). This site is below the town of Dixie and a large meadow. The third site is located within wilderness and approximately 100 meters below a major wilderness tributary of Lake Creek (site 3). The fourth site is located .25 miles upstream from the mouth (site 4).

Graph 11

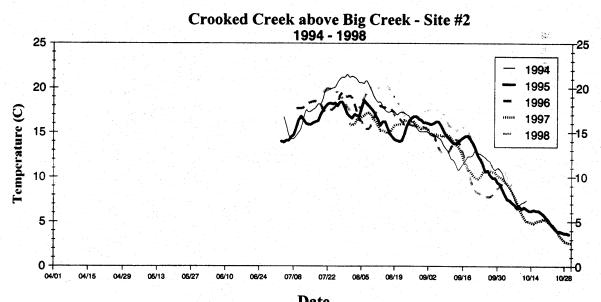


Date 7-day moving average of maximum daily temperature

Table 17 Crooked Creek above Horse Flat Creek (Site 1)

Year	Deployment Dates	Days > 13 C	Days > 16 C	Maximum Temp. (C)
1994	6/25-10/17	20	0	14.5
1995	6/27-10/30	2	0	13.1
1996	7/15-10/30	11	0	13.9
1997	7/25-11/2	4	0	13.6
1998	7/14-10/07	24	0	14.8

Graph 12



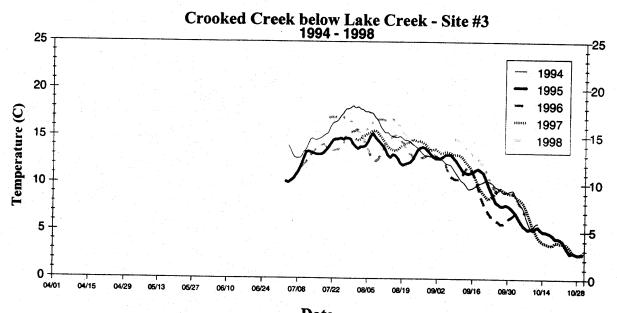
Date 7-day moving average of maximum daily temperature

Table 18 Crooked Creek above Big Creek (Site 2)

Year	Deployment Dates	Days > 13 C	Days > 16 C	Days > 20 C	Maximum Temp. (C)
1994	6/28-10/12	74	50	16	22.9
1995	6/27-10/30	76	47	0	19.9
1996	7/3-10/30	70	46	1	20.2
1997	7/25-11/2	48	20	0	18.3
1998	7/14-10/07	66	56	12	20.6

Page 39

Graph 13

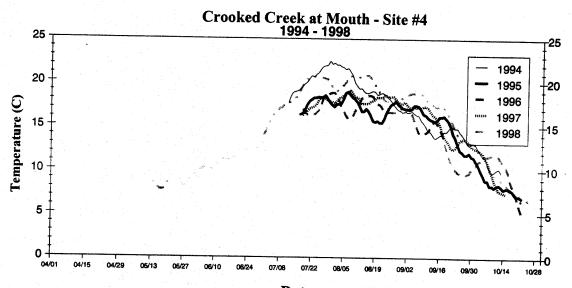


Date 7-day moving average of maximum daily temperature

Table 19 Crooked Creek below Lake Creek (Site 3)

Year	Deployment Dates								
1994	6/28-10/12	60	21	Temp. (C) 18.6					
1995	6/27-10/30	38	3	16.1					
1996	7/3-10/30	40	1	16.1					
1997	7/25-11/2	47	3	16.2					
1998	7/14-10/07	61	27	17.7					

Graph 14



7-day moving average of maximum daily temperature

Table 20 Crooked Creek at the mouth (site 4)

Year	Deployment Dates	Days > 13 C	Days > 16 C	Days > 20 C	Maximum Temp. (C)
1994	7/6-10/13	84	59	24	22.9
1995	7/11-10/22	70	55	2	20.2
1996	7/12-10/22	65	46	0	19.6
1997	7/12-10/15	72	59	0	19.9
1998	4/29-10/25	94	77	25	21.7

Page 41

5-2-2000

Personal communications: J.P. Mays, USFS, Nez Perce NF

Elk City/Red River Ranger District fish biologist

Crooked Creek: info within the last 5 years

Anadramous barrier 800 meters below mouth of Big Creek

Above barrier:

rbt with fish and game stocking maybe within 2 years ago

Lots of rbt's

Spawning and rearing of rbt in this area

below barrier

steel head, bulltrout, chinook, cutthroat

All spawning and rearing

Lake Creek

steel head, bulltrout, cutthroat

All spawning and rearing

Big Creek

data is from 1990 and 1992 thru 1998

Rbt and rbt x cutt crosses (hybrids) spawning and early rearing

Rhett Creek data from within the last 5 years

steel head, bull trout, cutthroat, juvenile chinook

spawning and rearing of steel head and cutthroat rearing bulltrout and chinook

Jersey Creek info within last 5 years

cutthroat and steel head juveniles

spawning and rearing of cutthroat rearing of steel head

Little Mallard:

total fish migration barrier just above mouth. Above barrier the stream is

fish less.

Below barrier, rearing steel head and incidental other salmonids

Big Creek

5-2-2000

Personal communications: J.P. Mays, USFS, Nez Perce NF

Elk City/Red River Ranger District fish biologist

Crooked Creek: info within the last 5 years

Anadramous barrier 800 meters below mouth of Big Creek

Above barrier:

rbt with fish and game stocking maybe within 2 years ago

Lots of rbt's

Spawning and rearing of rbt in this area

below barrier

steel head, bulltrout, chinook, cutthroat

All spawning and rearing

Lake Creek

steel head, bulltrout, cutthroat

All spawning and rearing

Big Creek

data is from 1990 and 1992 thru 1998

Rbt and rbt x cutt crosses (hybrids) spawning and early rearing

Rhett Creek data from within the last 5 years

steel head, bull trout, cutthroat, juvenile chinook

spawning and rearing of steel head and cutthroat rearing bulltrout and chinook

Jersey Creek info within last 5 years

cutthroat and steel head juveniles

spawning and rearing of cutthroat rearing of steel head

Little Mallard:

total fish migration barrier just above mouth. Above barrier the stream is

fish less.

Below barrier, rearing steel head and incidental other salmonids

Rhett Creek

Upper Rhet	Creek.
Decualishing	Heroire 1993

F17060207-03-15

Imports	Location Commission	Reset Date	T -	1		_	-	_			delter De					Publish Corp.				The section field	ing Senite	-	-	
			Date		Grad. (%)	Temp. (*C)	Type	Hebiter Unit no.	Helidas Sub-Type	(m)	(m)	1.3	Men. Depth (cm)	Document Substrate (occube)	Felicies Commission Habitat Union	D-50	Deminant Substrate	Species		Weight			Wedgen	Person Specific
1	2 rates spatier, from wilders on beautiery	TEXAS FIRE SECTIONS BE	7/2663	1006	-	9	63	6-1	1	-	1 -	25		- 00			-	_	-		_	1		The state of the s
_			-		200			6-2	1 0	**	2.8	96	35	03	0	1.gravel	A,COLDING	and spike library			castifered.			acute mediumojon, no malgins for flat
_								63	1	12.2	2.8	94	50	50	81	Lorent	m gravel	energy com-	123		castifeces	109		
-						111111111111111111111111111111111111111		81		61	2.0		35		- 11	s.cobich	I,quistin	CALIFFE FOR	110		contribute	114	-	
_									1	-	1.0		-		-	-		esembered.	106	_	cuttiering	91	-	
_					2 1			-			-	-	-	-	_	-	_	CHENNE	129	-	coeffe per	125		
_						200		-					_	-		-		method	176	-	continues.	76		
4			2		1000		100	-				_				-	-	conferen	173	_	cuttiment	1 100		
-	3 rates upgrass, from yel farrance boundary	TYSH REE SECTION SE	7/24/90	1330		9	845	P-1	1	4.0	20	45	100	-		_		netificat.	126	1	SUPPLY SET	199		
-			1.5.75			-	-	B-1		21.5	34	20	36		P		C.Seed				cutivous	197		
-					7 13			P-2				40		SA.	R	F.cobbb	Lochide			50	swittens	110		
-			1					8-2	64			75		-	-	_	-	cetthrost			cumbroot	129	18	
-							-	83	CA		4.5		45	- 8	-	_		SAFTRING SAFE	217	16				
3	Fast of Dilinger Mine	123M RDE SECER RW SE	7/26/93	1300	4.8	9.5	894	G-1			0.7		32	В.		_	_		100	2.77	Solice			
-				-	-		100.0	0-2			0.0			BA.	NONE		-		116					eculer enterpte for ceach: 70% ecules, 20%
-							_	P-1	-		1.75		27	SA				Jan wither	118	19	2000		-	green, and 10% sand
							_	60	0 1		0.9		25	SA.	_	-			1.325	12.77				
4	Comprised Cr. 75 mi, labeliere, from Phon Cr.	125N RRE SEC14 NW BE	7/29/03	$\overline{}$	-	9.5		81										-		Nomelle		*****	-	-
			A. Parison				-01	F-1	_	33.7	20	75	25	8	P		Vc.gravel							
_				1			-	8.2			8.5			. 0	B	C.grappi	ve.prevel	cutubenet	171	48	7.121			
2	Cornettork Cr. 1,5 and spatters, from Rhatt Cr.	TOSK RES SECTO ME ME	72993	1400	45	15		B1					40	-0				Photo:						
_			1000	1400	-20	14		R2			.13		-22	CO	P.1	Th. graved	vs.prove	ugithroad	84	7	carstynes	62		
_				-	-	-	-					15		50	R	c.gravel -	o preved	swittkroef	79	5	cartheout	77	5	
_				-	_		-	83	- 1	0.4	1.7	10	20	CG	100						cartherer.	78		
_					-	-	-	B4	-	3.3	23	25	40						77		N. A. A.			
				-	-	-	_					15			27			ST-77.75					-	
							_	12					30	59	1000		22.7			100	- 6			
				_	-	-		85		21	1.3	15	30	99	1						-	_		

LOBS CTT = forenik

1999 Beneficial Use Reconnaissance Project Field Forms, Idaho Division of Environmental Quality

·			ollection Data Fo	orm (Reconn	aissance)							
each length	total for all 486.5M	method: □ visual (viewbox), ☒ snorkel, ☒ electrofish (□AC □DC)										
species code*	špecies	water diapty:	turbid, clear, sta est. length (cm)	voucher (y/n)	total count	identification conf.**	anomalies	# of juveniles				
	Trout		<7.5	N	4							
	Rb/sthd		75-12.7	N	20			-				
-	Rb/stlhd		12.7-200	N	8							
	Cuthroat		75-305	N	44		·					
		······································										
-				****			·					
				3.1								
· · · · · · · · · · · · · · · · · · ·							-					
·							·					
					·							
<u>:</u>				*****								
	ta Form Adapted from DEQ Protocol #6.											

^{*} see 1995 training manual for updated codes

^{**} Fish confidence Codes: A (99.9%) - Must have fisheries taxonomist on collection crew or entire sample preserved and taxa work done by fisheries taxonomist (no visual estimate), B (99%) -Must have an experienced fisheries biologist on collection crew, or only part of sample preserved, C (90%) - Crew made up of individuals familiar with species, D (<90%) - No confidence or confidence unknown. *** Anomalies include parasites, deformities, frayed fins, etc.

1997 Beneficial Use Reconnaissance Project Field Forms, Idaho Division of Environmental Quality

Division of Environmental Quality Fish Voucher Data Sheet

Lab Name: EcoAnalysts, Inc.

Date into Lab: 8/25/97

Taxonomist: Dr. Richard Wallace

Stream name: Rhett Cr

Site ID No: 97NCIROA13

Date: 12July1997

୍ଟାହାନ୍ତ 'ଜୁଜାନ୍ତ	Sgorcies	្រុសស្រាស្រាស់	(e)हार ा र्ग्नेस्		ខាត្រ) វិទ្រុំព្រះឡើ	#of jeveniles
_//	Oncorhynchus clarki	104, 114, 150	3	A		0
		104, 114, 150 2 Size classes				
						·
			<u>.</u>			
<u> </u>						
					·	
2						

	IDHW - Div	rision of	f Enviro	nmental Q IEET	uality		
Field Information - Shaded							
Field Information - Shaded : DEQ Project Code	areas must be completed be					K (ac.	
Name of Water Body	TT Cruek				Site I	D No.	
Location Description (Permanent Landmarks)							
Station and/or. Subsample No.	County J. A.	o ·		Township	Range R 8		Section Quarter
Elevation (ft or m)	Collector(s) First (or init	tial) & La	st Name(s)				Sample Method Eleatro + Snorth
Collection Date (YY/MM/DD)				·			
Receiving Lab Information		150	nt Out		Sorted		Lab's Sample Number
Lab Name	Date into Lab						
		,					
Identifying Lab Information					T	DHW	Central Lab Log No.
Lab Name	Date into Lab		Date Rep	orted			
Taxonomist (First Initial & La			Remarks				
Reach #1:2. Reach #1:2. Reach #1:3. Reach #1:3. Reach #1:3	i upstramfro	on w	e T2	5NK8E	500 P	25	10011-02
Reach # 2: 1-	mile upocream	" /					

1997 Beneficial Use _econnaissance Project Field Form_ Idaho Division of Environmental Quality

EQ Fish Collection Rec		Taxa	Code/ID C	onfidence	
otal Length (mm)					
10-19	Cathroat				
20-29					
30-39					
40-49					
50-59					
60-69					
70-79					
80-89					
90-99		,			
100-109 Vouchered	/				
110-119					
120-129 Vonchered	/				
130-139					
140-149					 <u> </u>
150-159 Vonchered	/				
160-169					
170-179					
180-189					 <u> </u>
190-199					
200-209					
210-219					
220-229					-
230-239					
240-249	7				
250-259					 -
260-269					
270-279					 -
280-289					
290-299					

Stream Name: RHETT Creek Site ID No: 97NCIROA13

Date: 961 \$\frac{961}{971} \frac{12}{12}

	Rhett Creek	119	#170802	307-03 -	15												_	Bectro		-	_	Secri	el Deti		-		Consents
wer	thing Results 1993		\$ CHN 7	_	_	_	_	_	_	T/G	MA D					both Cour		Electro	Ti annual	Julian	Am	Species and Size	Line (ini Un	d Ural	Total	Reach Specific
· Clus	THE CHARLE INC.	Reach Date			-	Trans.	-	Habital	Makel	Length	WAR	Mean	Max.	Domineri	Habitel	D-80	Dominant	species		1	Oral	(pert)	11	111	111		
ach	Location Description	Legal Location	Dale	Time	Rich Gred. (%)	Temp.	Type	Unit no.	Тура	h (m)	(m)	Depth	Depth (unit	Substrate	Pabble Counts		Substrate	_	Greats	-			1	4.	*	4	
- 1		Same and the	P 2 12 30	1				_	CA	127	125	18	- 66	R	P-1	s.cubble	scotte		-	-	100	Spel 75	+			3	Control of the Contro
. 1	third of a mile from Saimon R.	THE WINDS SEC SOUND SWI	8/3/93	900	15	9		R-1	CA	18.7	1 3	50	16	- 8	R	Loubbie	Lookbie		-	-	100	Re/98td 75-127	1		1	20	
	third of a mile from Seamon H.	125M mile and 30 art are	-					R-2	- 10	20	1-2	40	100	- 8					-	+-	100	96/Sthd 127-200	1	+	\mathbf{T}	8	
			-					83	L CA	1 33	1 83	15		1 8			T		-	+-	100	Rainbow > 200	1	+			
								8-1	P/0	133	1 23	1 65	1 10	B					-	-	P100	Changes <127	++	-	1		
\neg			_					P-1	1 550	19	1.85	30	1		_				1_	-	10+	Chinosa >127	+-+	-	+	-	
7			-	-						1	-	-	-	-	_	1				_	1+	Cuthyout 75-305	++	-	+-	7	
			-	-					_	-	-	-	+	+	_	_				-	_	CURNING 75-300	+-+	\rightarrow	+	-	
\neg			-	-							-	-	-	-		-					-	Cutivos >305	++	+	+	-	
\neg			-	-	_	_				1	-	-	-	+	_	-					1	Suffrout (all sizes)	+ +	+	+	_	
-			-	-	-	+-				_	-	-	-	+	-	-						Brookinsel	+ +	+	+	-	
			-	+-	-	1				_	-	-	-	-	-	-	-				1	Whitelish	++	-	+	-	
\neg			-	+	-	1	1					-	-	-	-	-				3		other	-	-	+	-	
			-	+	-	+	1					-	-	-	-	4	Tendele	cutters	x 65	5	1		1	\rightarrow	+	-	
ੇਸ਼	T este upstrin. Tray/ selidemoss boundary		1000	+	1 4	111	+-	B.1	R	173	2 3.4	P		UB UB		1.000	Lobble	c. ffbyo	3 73	3				+	-	-	
\mathcal{H}	T make upstirm from whicheshors	TOSM REE SEC 24 NW ME.	712/194	-	-	+	+	P-1	P	6.5	4		80		н_	27700	1,000	control	al 78	4				-	+	-	
-	her refered		-	+	-	-	+	R.2	R	16.5	9 3.4		50		-	+-	-	no ether	at 155	5 41	-		-	-	-	-	~
-	200-1		-	-	-	-	-	0.3	PA	4.6	3.3	20		BO	-	-	-	CHETTE	a 19	30					-	-	
_			-	-	+	+-	-	8.1	1 6	13.9	9	7 25	50	SR	_	-	+-	CONTRACT.	4 12	9 18					_	-	
_		T-	_	-	-	-	-	1 63	R	112	8 33	16	30	1,8		-	-	CLASS TO	et 16	7 46					-	-	-
-			-	-	-	+	+	6.2	P	14	7 4.7	35	70	38	_	-	_	- Carrie	- T	21			3.85			-	
_				-	+-	-	+	1 63	0	1 3	1 3	40	80	LR	_	-	-	custore	-1 13	8 11	-	1	1			-	
_				1	-	-	+-	1 23	1 0	9	3 3	60	75	1 80		-	-	50000	al 19	1 7						1	
				_		-	_	4 - 52	HI	7	1 2	1 18	45	LR		1	-	CLICAT	19	0 1 6							
_		1			_	-	-	1 100	- 100	10	-	1				-	-	CTREAM	12		-						
_			1		-	1	-	-	-	-	-	-		-		7		cumin	12	-1-5	-					1 _	
_		-	1	_		_	1	-	-	-	-	-	1							_	_		_	_	_	_	CONT. TO

CTT From > 128 mm 1993

5-2-2000

Personal communications: J.P. Mays, USFS, Nez Perce NF

Elk City/Red River Ranger District fish biologist

Crooked Creek: info within the last 5 years

Anadramous barrier 800 meters below mouth of Big Creek

Above barrier:

rbt with fish and game stocking maybe within 2 years ago

Lots of rbt's

Spawning and rearing of rbt in this area

below barrier

steel head, bulltrout, chinook, cutthroat

All spawning and rearing

Lake Creek

steel head, bulltrout, cutthroat

All spawning and rearing

Big Creek

data is from 1990 and 1992 thru 1998

Rbt and rbt x cutt crosses (hybrids) spawning and early rearing

Rhett Creek data from within the last 5 years

steel head, bull trout, cutthroat, juvenile chinook

spawning and rearing of steel head and cutthroat rearing bulltrout and chinook

Jersey Creek info within last 5 years

cutthroat and steel head juveniles

spawning and rearing of cutthroat rearing of steel head

Little Mallard:

total fish migration barrier just above mouth. Above barrier the stream is

fish less.

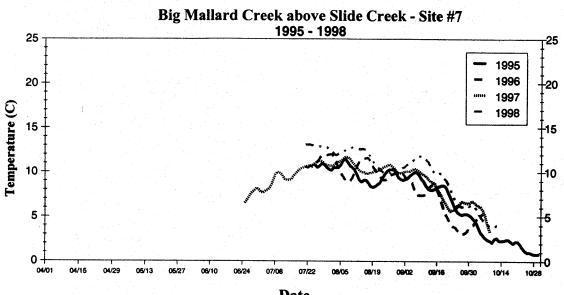
Below barrier, rearing steel head and incidental other salmonids

Big Mallard Creek

Big Mallard Creek

Three temperature monitoring sites were located in Big Mallard Creek in 1998. Two thermographs were located upstream of accessible habitat. One was located in the uppermost part of the watershed above Slide Creek, this site was not monitored in 1994 (site 7). The second site was located upstream from the confluence with Jack Creek (site 8). The third site is located approximately 400 meters from the mouth within critical habitat (site 9). The lower 1,100 meters upstream from the mouth are accessible for spawning and rearing chinook.

Graph 17



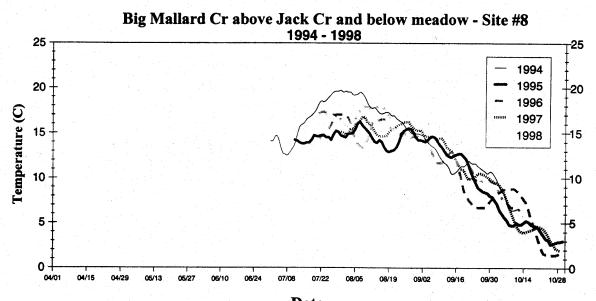
Date 7-day moving average of maximum daily temperature

Table 23 Big Mallard Creek above Slide Creek (Site 7)

Year	Deployment Dates	Days > 13 C	Maximum Temp. (C)
1995	7/19-10/30	0	12.5
1996	7/15-10/6	0	12.9
1997	6/19-10/9	0	12.3
1998	7/18-10/14	7	13.7

Page 44

Graph 18



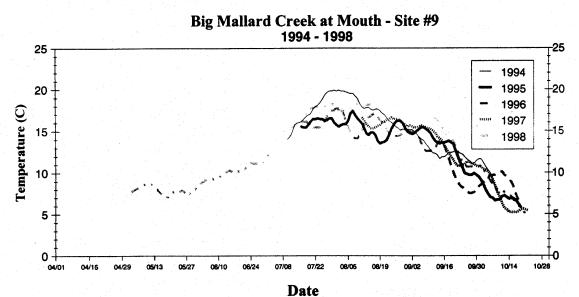
Date 7-day moving average of maximum daily temperature

Table 24 Big Mallard Creek above Jack Creek (Site 8)

Year	Deployment Dates	Days > 13 C	Days > 16 C	Maximum Temp. (C)
1994	6/25-10/12	67	39	20.6
1995	7/5-10/30	52	12	17.3
1996	7/15-11/15	49	19	18.3
1997	7/24-10/29	50	19	18.0
1998	7/15-10/14	65	35	18.8

Page 45

Graph 19



7-day moving average of maximum daily temperature

Table 25 Big Mallard Creek at the Mouth (Site 9)

Year	Deployment Dates	Days > 13 C	Days > 16 C	Days > 20 C	Maximum Temp. (C)
1994	7/4-10/10	65	40	7	20.4
1995	7/10-10/19	68	25	0	18.6
1996	7/10-10/19	59	25	0	18.3
1997*	8/5-10/22	40	17	0	18.5
1998	4/27-10/21	81	42	0	18.8

^{*}The original deployment date in 1997 for this site was on July 9th, but the thermograph subsequently released from site and was later put back into the creek in August.

Page 46

Jersey Creek

		the state of the s		
		vision of Environment FISH DATA SHEET	al Quality	
Field Information - Shaded	areas must be completed be	fore submittal of sample		
DEQ Project Code				
Name of Water Body	seyrerk		Site ID	No.
Location Description (Permanent Landmarks)	ist major fork	Justens Ca		Section Quarter
Station and/or Subsample No.	County	Township	N-1-8E	and the second s
Elevation (ft or m)	Collector(s) First (or init	ial) & Last Name(s)	Um die er 1 oeuw die Argentause 18 Augustus – 1	Sample Method
Collection Date (YY/MM/DD) 1			
		•		
Receiving Lab Information	7	Sout Out	Sorted	Lab's Sample Number
Lab Name	Date into Lab	Sent Out	00.152	
				•
1'				4
			ITO	JW Cantral Lab Log No.
Identifying Lab Information	Date into Lab	Date Reported	IDI	HW Central Lab Log No.
Lab Name		· ·	IDI	HW Central Lab Log No.
Lab Name Taxonomist (First Initial & La	ast Name)	Remarks:	·	
Taxonomist (First Initial & La The fish Containing Reach #1& T24 Reach #3. fin Reach #3. fin Reach #3. Nort T6; below 11 #7: Taibu	Data com Jata com Jata com Jata com Jata com N R8ESEC16 mile from It mojor fork. 20m downstrea	Remarks: Tersey Cr. at NWSW 7/2 mouth at Sa in Tersey Cr. ey Cr. T25N SWRIFSer SUR T25NR7E SUR T25NR7E	200 COS) 200 COS) 200 COS 2/93. Eman R. T T24NR8E T24NR8E 1R8E Sec 3 R8E Sec 3	24NR8ESECTONES 24NR8ESECTONES SECOTNUNE 7/25 05ESW 8/3/93 05ESW 8/3/93 05ESW 8/3/93 NENE 8/4/93 NENE 8/4/93

rsey	Creek		#170600		_						0.00				_		_	_	_	Section 2	shing Res	84		Commercia
red	shing Results 1993			_	_		_			Hel	alter De	to				bbb Cou		4 7	1			Length	Weight	Reach Specific
-	Location Description	Legal Location	Date	Tiree	Rich Grad. (%)	Water Temp. (°C)	Charried Type	Hubital Unit no.	Hutchital Sub- Type	(m)	(m)	Mean Depth (cm)	Mens. Depth (on)	Doctrort Substrate (ocular)	Hebitat Units with Pathte	D-20	Dominant Substrate	Species	(cm)	(9)	Species	(140)	(9)	
- 1	8	Caraman and an artist of	i	1		1				_		_	_	-	Counts		s bouider	- interior	145	41	rainbow	146	33	Inhabery on left bank enters unit R-2
_		T24N RBE SECOT NAME	7777593		15		A2/3	G-1	R	7.9	27	23		90	K	5.00 Care	s.cobble		132	24	sainbow	126	21	7-10-10-10-10-10-10-10-10-10-10-10-10-10-
	first major fork in Jessey Cr.	1544 upc perces mane	ALE PLANE				2000	R-1	RA	30.8		25	45	80	6-2	S.DOMERO	Parame.	rainbow	138		raichow	100	11	
4					_		100	PW-1		8.3	5.2	25	25	80		_	-		75	-	rwinbow	107	12	
			-	-	_	+		H-2	RA	42.4	6.1	25	45	LR	-	-	-	rainbow	101	111	rainbow	120	17	
			-	-	-	+	-	R-3	CA	28.2	4.54	25	80	BO			_	minbow		_		136	28	
\neg			_	-	-	-	-	G-2	P	83	39	25	35	SR				rambow	102		rainbow		1 49	
╗			_	-	-	-	-		-	1	1							rainbow	146		rainbow	91	1-5	
\neg			_	-	_	-	-	-	-	+	_					1	1	rainbow	164	6	rainbow	64	-	
\neg			_	-	_	+	-	-	-	-	+-	-	-	-				ratnbow	76	3		-	-	Committee of the second state of
						-	_	-	-	+-	-	-	-	+	1			rubsbarw	117		rainbow	74		test shocking reach to see what speci
•	-400 m dwrstrm, from tork	T24N REE SEC07 NMME	7/27/8	3	13	-	_	-	-	-	+	-	+	1	-			rainbow	131		rainbow	165	36	are present, no habital typing done
•	TOO IS DAY DOTH, EVER SHARE	7		1		-	_	_	-	-	+-	-	-	-	-	_		raintow	126		rainbow	127	14	
-	-			T .				_	-	-	+	-	-	-		-		rainbow	151	39	rainbow	72	1	
_					7				-	-	-	-	-	+	-	_	-	rainbow	102	11	rwinbow	72	1 4	
-		-			-				-	-	+-	-	-	-	-	_	+	rainbou	145	29	rainbow	58	2	
_							_		-	-	-	-	-		-	-	1	THE LOW	117		rainbow	66	3.5	
_			1				8-00			_	-	-	-	-	-	+	+	rainbow	137		rainbow	73		
_								_		_	-	-	-	+-	_	+	+	PRINTER	GA.	3	retribour	ég	4	
-			-	1						_	-	-	-	-	-	-	+	traintow	60	1 3	nainbow	71	1 4	
_			1	1	1							_	_		_	-				18		88	8	
		T25N RUE SEC30 NAVSW	94/97	1	3.7	_	_	G-1	1	GS.	1.1	15	40	C9/SR	G-1	C.Grave	C.grave	rainbow	78	5	Trainbow	86	7.5	
6_	below third bibulary	1 Zire liter deciso ren att	1	-	1		-						-		-	-	-	raicbow	104		rainbow	62	3	
77			+	+	-	_										-	-	rainbow	140			91	6.5	
		-	-	-	1	1		1				1			_	-	_		57		rainbow	60	1 2	
			+	+	-	+	-	1				_			1	-		wodsten	57		ratribow	60	2.5	
			+-	+	+	+	1	-			1				_		-	nintrow	1 44		rainbow	58	1 2	
			+	+	+	_	+	-									-	rahibow	1 22		rainbow		11	
		1	-	+	-	+	+		1	1							_	minbov			rancow	1 40	-	fushiol types not broken out, avg. wit
			-	-	+	-	B4	-	_	-10	0 11	10	25		R	n.gaw	el c.grave	rainbow	120	-	-	-	-	and depths were taken for the -100;
7	tributary below bridge	125N RTE SEC25 NENE	0/49	21	4.2	-	1 54	-	-	1	1	1	1						-	-	-	-	-	stretch that was shocked, only the or
-			-	-	+	-	-	-	+	-	1	1								-	-	-	-	rainbow was found
			-	-	-	-	-	-	1	-	1		1				and Sand		_		-	-	-	stream was too small to break into
-				-	-	-	-	-	+	1-36	0 02	5 30	35		G	m.gray	m gaw	d rainbow		11.		-	-	Stream was 100 cause or meast also
8	cross 4x4 at second littuary	TZIN R7E SEC25 NENE	84/9	3	3.8	_	-	-	-	-12	440	1 0	1-0			1		rainbow	119	18				habitat types, avg. width and depth a
-	CONTRACTOR OF THE PARTY OF THE			_			-	-	-	-	-	+	-	-	1								-	given for the -150 m that was shock
-			14			-	_	-	-	-	-	10	-	-	a	6.0004	el vegav	ed law Sch	_					80 m shocked, no fish, no habitet typi

RBT - 3 age class

1997 Beneficial Use Reconnaissance Project Field Forms, Idaho Division of Environmental Quality

Division of Environmental Quality Fish Voucher Data Sheet

Lab Name: EcoAnalysts, Inc.

Date into Lab: 8/25/97

Taxonomist: Dr. Richard Wallace

Stream name: Jersey Cr

Site ID No: 97NCIROC14

Date: 13July1997

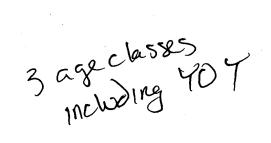
સ્વાદીક અમાસાદીક	Spacies:	ម្រើនដែលម៉ូស៊ី(ការក)	ক্ষেত্ৰ ভিন্ন সূচী		કાંગમદાદા <u>]</u>] (મ ફ	
10	Oncorhynchus rnykiss	84, 101, 143	3	A		0
		2 Age class				
.)——						

1995 Beneficial Use Reconnaissance Project Field Forms, Idaho Division of Environmental Quality

	Fish Collection Data Form (Reconnaissance)										
	total fall 887m	water temp(o			m	ethod: □ visual (viewbox), ੴ sno h (□AC □DC)	rkel,			
conductivity (water clarity:	turbid, clear, sta est. length	voucher	total	Identification	anomalies	# of			
code*	species		(cm)	(y/n)	count	conf.**	***	juveniles			
	Trout <75 mi	37	< 75°	7)	36						
	RB/selld		75-12.7	N	53						
	RAISTAN		12.7-200	N	65	·					
	RB/sellead		>20.0	N)	1						
					1 N	4					
					:	:					
	·										
	:			:							
			:								
		· '.									
•.											
	a Form Adapted from DEQ Protocol #6 Codes: A (99.9%) - Must have fisheri		ollection crew or en	ire sample pres	erved and tays w	sork done by fisheries	ee 1995 training man	ual for updated co			
ust have an expe	erienced fisheries biologist on collection. *** Anomalies include parasites, descriptions of the collection of the coll	n crew, or only par	t of sample preserv								
,voiros Bilbalov	, , mornance menue peruettos, u	irayou ii	, 0101								
	Name: J.E.H.S.C.V. C.r.	-					Date:	, pag			

Jersey Creek	#17060207-02-22
Electrolishing/Condening Baselin 1000	

	shing/Snorkeling Results 1993	Reach Data								Na.	La Da	ła.				ebbs Cou	34	,	Snortu	71.	- 1	-	4	-		Comments
Reach	Location Description	Legal Location	Date	Time	Rch	Welter	Channel	Habitat	Habbal			Mean	May	Dominant	Habitat	D-50	Dominant	Ann	Speries and Size	l levid	brid (-21:5-	Ti.	116	Total	Reach Specific
1	Cocanon Sescripson	Larger Co-Canon	U-4	1	Grad.	Temp.	Туре	Unit no.	Type	(tre)				Substrate	Units with		Substrate			7			٦~	ר. ו	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	neartt aperinc
	ļ.	İ		1 1			type	CAME INO.	(Mbs	(MA)	Sun I					1	Substate	OA2	7 (1111)	71	• 1	" "		["		1
i	1		1	1 1	(%)	ന				1	1	(cm)	(cm)	(ocutar)	Pebble	!		1			- 1		1	1 1		
			-	-							-				NONE			! —	ļ	1	- 1-	4_	1_	_		
	mouth of Jersey Cr.al Salmon R.	T24N RBE SEC15 NWSW	7/24/93	1	16.1	-	A2	R-1	CA	17.9	8.3	<u> </u>	- 22	LR	NUNE	 	 	<u>. </u>		ΝĄ	R-14B	12 P	31 R-4	18.5	-	liest snorked unit # N/A, is the small area.
			-	-			-	R-2	CA	195	32	20	30	80		 			trout<75	2				1-4		where Jersey Cr. empties into Salmon R.
\vdash			<u> </u>	-				R-3	RA	221.	38	 2	65	80 80		 -			Rb/Stind 75-127			2		-	13	
\vdash				1-1		-		84		. 8						 	-		Rb/Stilled 127-200	3	4		+	3	14	
			<u> </u>	1				R-5	KA	27.6	45	20	50	80		 			Rainbow >200	1	-+	-	+-	⊢		
				}			 					 			 	 			Chinook <127	Н	-+	+	╁—	1-1		
			 	1						<u> </u>		⊢—				├ ──		1"	Chinook > 127	Н				-		
			├	\vdash		 				⊢	-	-	├	├	<u> </u>	 	 	1-	Culthroat 75-305	\vdash	-4	┥	+-	-		<u> </u>
				1							-	├—		├ ──	<u> </u>	├		!	Cultivast >305	\vdash	-+	-	+	₽		
\vdash			-	╌	L					 -		<u> </u>	 	 			├	1-	Bulleout (all sizes)	Н	-+	-	+-			
\vdash				-					_		-	- -		}	 			▙	Brooktrout	\vdash		-	+	╌		
					I		L			L		L	!	L	!	<u> </u>	<u> </u>	1_	Whitelish	\sqcup	_	┸	1	L		
																		Ĺ	other		1	1	1	\Box		
2	I mile from mouth at Salmon R.	T24N 78E SEC 16 NESE	7/28/93		14.7		A2	R-1	CA	30,5	5.4	25	38	1.8	NONE					R 1	R-2 P	-IR	3			
			L	<u>1</u>				R-2		34.7	4.2	25	45	LR					trout<75			_L	L			
				ı				P-1	P	10	3	30	50	UR		1	1	11+	Rb/Sthd 75-127		\Box	2			2	
			L					R-3	CA	21,3	4.6	25	50	LR					Re/Stind 127-200		10	8 2	1		23	l
					L	1	L			<u> </u>				<u> </u>	<u> </u>	L									1	
						L										1	<u> </u>		Chinoek <127	\Box	\perp					
			L										L		1			1+	Chinook >127		\perp		1	\mathbf{L}		
			Ĺ	J J															Custineat 75-305				L			
			<u> </u>	1														_	Cultinoat > 305			$oldsymbol{ol}}}}}}}}}}}}}}}}}}$	L			
														<u> </u>		<u> </u>		<u> </u>	Buffrout (all sizes)				L	Ш		
											<u> </u>		L			<u> </u>		L	Brookirout *							
					<u> </u>								L			<u> </u>		L_	Whitefish	ш						
			L	1	<u> </u>		1		Ì	1		<u></u>	<u> </u>		1			<u> </u>	other		_ ! .					
4	below tork of Jersey Cr.	T25N RBE SEC30 SESW	8/3/53		4.5	1		R-1	Ri	36	23	20	30 50	SR	R-1	s.cobble	s.cobble	1			\neg	\neg	Т			net was longoiten, fish were shocked and counled
								4	Р	4.3	23	35	50	SR					tract<75		\Box	\perp	\mathbf{I}^{-}		- 5	with sizes estimated, based on snorkeling size classes.
					·	L		Ġ	R	42.5	2.8	25	35	SA				1+	Rb/Stind 75-127				T		- 8	approximately half of the fish were taken from the water
											1							Ż.	Rb/Stind 127-200		T	\top	Т		В	for positive species identification
														1		1		Res	Rainbow > 200		7	7	т-			
													$\overline{}$					Ö+	Chinook < 127	П			1			1
												_	1						Chinook > 127		_	_	1			
													1			T		1	Cultimost 75-305	1	_	_	1			
													1	1				1	Cuttrout >305	1	_	_	T			
													1	1		1		_	Bullious (all sizes)	_	_	7	1			
																			Brooktrou		_	-1-	1	\vdash		
																		1	Whiterish *			7	1	1		1
																		\mathbf{I}^{-}	other		7	7-	7			1
- 5	North Fork of Jersey Cr.	TZSN RBE SEC30 SESW	8/3/93		7.4	Г —		G-1	₽	84,3	1.8	10	30	SR	G-1	Vc.gravel	c.gaye	1	T		十	7	1			stream was too small to break habitat units out, the
								P-1	P	4.5	21	(A)	45	SR				0+	trout<75	Г	_	1	T^{-}	П	9	reach was all glide or glide pool with the one plunge
			L		l	1								I		1	T	1+	Rb/Stitut 75-127			1	Т	П	9	
						1							1	T	<u> </u>	1	T	2+	Rb/Silhd 127-200		_	7-	1		6	<u> </u>
																			Rainbow > 200			1	1			fish sizes were estimated the same way as reach 4
																1	1	0+	Chinoak < 127	1		7	Ţ.	7		
																	1	1+	Chinook > 127			7	T-			
												L			F	Г	T	1	Cultivost 75-305		\neg	7	T	1		
			1	\mathbf{I}^{-1}	I .				T		1			T				T	Cutilword >305		_	1	T	П		
			L																Bullirout (all sizes)		7	1	1			
																	I	Г	Brooktraul "			7	T	\Box		
																		Т	Whitefish	1	_	1				<u> </u>
			1	1	T	1			J							1	1	1	aliyer		-	1	1	1		<u> </u>



5-2-2000

Personal communications: J.P. Mays, USFS, Nez Perce NF

Elk City/Red River Ranger District fish biologist

Crooked Creek: info within the last 5 years

Anadramous barrier 800 meters below mouth of Big Creek

Above barrier: rbt with fish and game stocking maybe within 2 years ago

Lots of rbt's

Spawning and rearing of rbt in this area

below barrier steel head, bulltrout, chinook, cutthroat

All spawning and rearing

Lake Creek steel head, bulltrout, cutthroat

All spawning and rearing

Big Creek data is from 1990 and 1992 thru 1998

Rbt and rbt x cutt crosses (hybrids) spawning and early rearing

Rhett Creek data from within the last 5 years

steel head, bull trout, cutthroat, juvenile chinook

spawning and rearing of steel head and cutthroat rearing bulltrout and chinook

Jersey Creek info within last 5 years

cutthroat and steel head juveniles

spawning and rearing of cutthroat rearing of steel head

Little Mallard: total fish migration barrier just above mouth. Above barrier the stream is fish less.

Below barrier, rearing steel head and incidental other salmonids

Little Mallard Creek

1997 Beneficial Use Reconnaissance Project Field Forms, Idaho Division of Environmental Quality

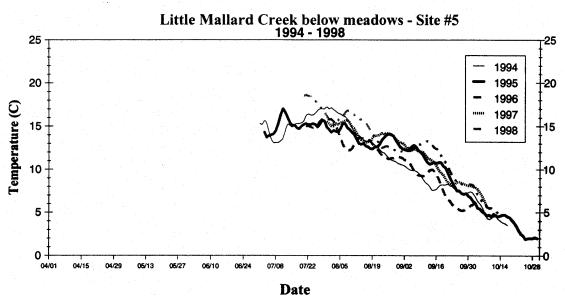
Divi	sion of	Enviro	onmental	Quality F	ish Data S	heet
Field Information - Sha	ded areas	must be	completed b	efore submitt	al of sample	
DEQ Project Code	[a]-	91	004	PØØ	- BR1	1-4010
Name of Water Body	Liff	le Wi	allard (cark	Site ID Nº: 4	MILTROAIT
Location Description: permanent Landmarks	Аррга	7Y. 5	miles d	own F.	S., Road	9 505
Station or subsample N	º: Co	unty:	Township	Range:	Section:	Quarter:
Allhabitats	Ic	laho	261	98	29	SE, NW, NE
Elevation: C	ollector(s)	First (or	initial) & Las	t Names(s):		Sample Method:
1700m k	' welde	H_i S	Patorau	, $E. m_{ij}$	ers	Electrospock
Collection date (YY/MN	M/DD)	Reach	Length:		Avg. Reach W	Vidth:
97197117	,		132m		5n	t
Field Taxonomist:		Tempe	rature:		Conductivity:	
R. Weldert			9.5°C		19.	uS
ldentifying Lab Informa	tion:					
Lab Name:		Date In	to Lab:	Date Report	ed:	
Taxonomist (First Initial	& Last N	ame):		Remarks:		
Taxa Vouchered:		X/C) fic	th f	<u> </u>	
Anomalies Noted:		7				
Equipment Settings:						
Species Stocked in last	5 years (r	ote year)			
Field Comments:						
tream Name: <u>Li #le J</u>	Valla	d Cree	∜Site ID №:	97NC	IROA17	Date: 97 / 07 / 14

	FIS	on of Environmer SH DATA SHEET	•		
Field Information - Shaded	areas must be completed befor	e submittal of sample			
DEQ Project Code				ID No.	
	The Windiard			ID No.	
Location Description (Permanent Landmarks)	m Above RAD	+ Whitew	<i>ifter</i>	1	
Station and/or. Subsample No.	County	Townst	nip Range	5 12	Quarter NWWW
Elevation (ft or m)	Collector(s) First (or initial)	& Last Name(s)		Sample	Method
Collection Date (YY/MM/DD)					
		•			
				•	
					* .
					· .
Receiving Lab Information	Date into Lab	Sent Out	Sorted	Lab's Sa	mple Number
Receiving Lab Information Lab Name	Date into Lab	Sent Out	Sorted	Lab's Sa	mple Number
	Date into Lab	Sent Out	Sorted	Lab's Sa	mple Number
	Date into Lab	Sent Out	Sorted		
			Sorted	Lab's Sa	
Lab Name	Date into Lab Date into Lab	Date Reported	Sorted		
Lab Name Identifying Lab Information Lab Name	Date into Lab	Date Reported		IDHW Central	Lab Log No.
Lab Name Identifying Lab Information Lab Name	Date into Lab	Date Reported		IDHW Central	Lab Log No.
Lab Name Identifying Lab Information Lab Name	Date into Lab	Date Reported		IDHW Central	Lab Log No.
Lab Name Identifying Lab Information Lab Name	Date into Lab	Date Reported		IDHW Central	Lab Log No.

Little Mallard Creek

Two sites were monitored in Little Mallard Creek from 1994 - 1998. The most upstream site is located below the headwater meadows area (site 5). The second site is located 80 meters from the mouth (site 6). A fish barrier is present at approximately 1,100 meters from the mouth. Little Mallard Creek at most summer flows is not accessible to juvenile chinook for rearing, due to the 31% gradient of the alluvial fan. It does provide rearing at the mixing zone confluence with the Salmon River.

Graph 15

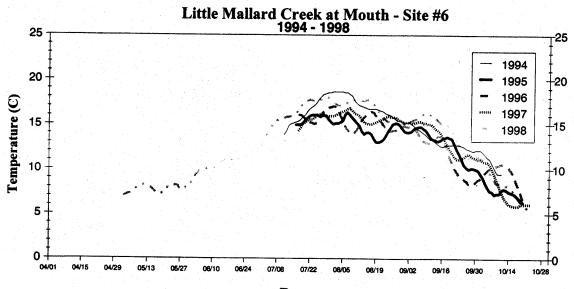


7-day moving average of maximum daily temperature

Table 21 Little Mallard Creek below Meadows (Site 5)

Year	Deployment Dates	Days > 13 C	Days > 16 C	Maximum Temp. (C)
1994	6/25-10/17	48	19	18.0
1995	6/27-10/30	49	19	16.9
1996	7/15-10/3	28	6	16.7
1997	7/24-10/8	32	7	17.0
1998	7/14-10/14	39	20	19.3

Graph 16



Date 7-day moving average of maximum daily temperature

Table 22 Little Mallard Creek at the Mouth (Site 6)

Year	Deployment Dates	Days > 13 C	Days > 16 C	Maximum Temp. (C)
1994	7/5-10/11	65	36	19.1
1995	7/10-10/20	63	15	17.3
1996	7/11-10/20	60	20	17.3
1997	7/11-10/23	65	18	17.8
1998	4/27-10/22	83	39	18.5

Page 43

5-2-2000

Personal communications: J.P. Mays, USFS, Nez Perce NF

Elk City/Red River Ranger District fish biologist

Crooked Creek: info within the last 5 years

Anadramous barrier 800 meters below mouth of Big Creek

Above barrier: rbt with f

rbt with fish and game stocking maybe within 2 years ago

Lots of rbt's

Spawning and rearing of rbt in this area

below barrier

steel head, bulltrout, chinook, cutthroat

All spawning and rearing

Lake Creek

steel head, bulltrout, cutthroat

All spawning and rearing

Big Creek

data is from 1990 and 1992 thru 1998

Rbt and rbt x cutt crosses (hybrids) spawning and early rearing

Rhett Creek data from within the last 5 years

steel head, bull trout, cutthroat, juvenile chinook

spawning and rearing of steel head and cutthroat rearing bulltrout and chinook

Jersey Creek info within last 5 years

cutthroat and steel head juveniles

spawning and rearing of cutthroat rearing of steel head

Little Mallard:

total fish migration barrier just above mouth. Above barrier the stream is

fish less.

Below barrier, rearing steel head and incidental other salmonids

Noble Creek

199751eu)CA13	DEQ FISH DA	TA ENTRY	/ FORM		
Site 10:	Water body	: noble	Creek		Date: 07	10-10
)	IDate: 91	47/12
	DEQ Fish Co	llection Reco	rd (pass	of, effo	ort 402 sec	nnde)
I. Lngth		Taxa co	de/ID confi	dence		sorius)
		-18/A				
10-19 /		7				
20-29						
30-39						
40-49 50-59			sur-u-			
60-69	***	AJAN 94	* 1		:	
70-79			•			
80-89						
90-99	1/25					
100-109						
110-119						
	32 (6)	·				
130-139	(3)					
140-149	<u> 3</u>					
150-160		 				
160-169		<u> </u>				
170-179						
180-189						
190-199				18.72		
200-209				V SASS		
210-219			• 44,	<u>***</u>		
220-229				3		
230-239	The state of the s					
240-249					. 49	(4 K) 1.11 1
250-259						
260-269						- 8
270-279						Constitution
280-289		##K				
290-299			i			
300-309					No.	130
310-319					W	
320-329						
330-339		\$ 1				
340-349						
350-359						
360-369						
370-379						
380-389						
390-399						
400-409						
410-419						
420-429						
430-439	•					
440-449		, V				
Total (1)	(8)	\mathcal{U}				

Corn Creek Bear Basin Creek Cramer Creek

Appendix F: The Idaho Division of Environmental Quality
Water Body Assessment Form

Water Body Initialization								
Water Body Name Bear Basin	Creek							
Upstream Limit Headwater	Downstream Limit Mouth							
WQ Standard	PNRS	PNRS						
EPA River Reach #		HUC 170602	207					
Beneficial Uses								
	Designated Use	Existing Use	Attainable Use	Support Status (circle correct)				
XCold/□Warm Water Biota		X		FS				
Salmonid Spawning				FS, NFS, NA				
Primary Contact Recreation	•			FS, NFS, NA				
Secondary Contact Recreation	X	,		FS				
Domestic Water Supply				FS, NFS, NA				
Agricultural Water Supply			·	FS, NFS, NA				
Industrial Water Supply	Х		·	FS				
Wildlife Habitat X				FS				
Aesthetics	X	·		FS				
Criteria Exceedances (See cover le	etter for explanat	ion of abbreviati	ons)					
No data		÷						
Assessment Caveats (See cover le	tter for explanati	on of abbreviatio	ns)					
96EIROZ099: NR ecoregion; M	BI 3.59; HI 99;	2.1 cfs.						
Assessor Information								
Name: Chris Mebane								
Affiliation: Division of Environ Idaho Falls Regions 900 N. Skyline, Suit Idaho Falls, ID 834	al Office te B		4/23) 97 Signature					

)

Appendix F: The Idaho Division of Environmental Quality Water Body Assessment Form

Water Body Initialization								
Water Body Name Corn Creek	:							
Upstream Limit Headwaters	Downstream L	imit Mouth						
WQ Standard		PNRS						
EPA River Reach #		HUC 17060207						
Beneficial Uses								
	Designated Use	Existing Use	Attainable Use	Support Status (circle correct)				
XCold/□Warm Water Biota		X		FS				
Salmonid Spawning				FS, NFS, NA				
Primary Contact Recreation	X			FS				
Secondary Contact Recreation				FS, NFS, NA				
Domestic Water Supply				FS, NFS, NA				
Agricultural Water Supply			·	FS, NFS, NA				
Industrial Water Supply	х			FS				
Wildlife Habitat	х			FS				
Aesthetics	X			FS				
Criteria Exceedances (See cover le	etter for explanat	ion of abbreviati	ons)					
No data								
Assessment Caveats (See cover le	tter for explanati	on of abbreviatio	ns)					
96EIROZ098: NR ecoregion; H	I 111; MBI 4.98	5.8 cfs.						
Assessor Information								
Name: Chris Mebane								
Affiliation: Division of Environ Idaho Falls Regions 900 N. Skyline, Suit Idaho Falls, ID 834	al Office te B	Signature $4/13/97$						

Appendix F: The Idaho Division of Environmental Quality Water Body Assessment Form

Water Body Initialization							
Water Body Name Cramer Cr	eek						
Upstream Limit Headwater	Downstream Limit Mouth PNRS						
WQ Standard							
EPA River Reach #	HUC 17060207						
Beneficial Uses							
	Designated Use	Existing Use	Attainable Use	Support Status (circle correct)			
XCold/□Warm Water Biota		X		NV			
Salmonid Spawning				FS, NFS, NA			
Primary Contact Recreation				FS, NFS, NA			
Secondary Contact Recreation	X			NA			
Domestic Water Supply				FS, NFS, NA			
Agricultural Water Supply				FS, NFS, NA			
Industrial Water Supply	х			FS			
Wildlife Habitat	х			FS			
Aesthetics X				FS			
Criteria Exceedances (See cover	etter for explana	tion of abbreviati	ons)				
No data		-					
Assessment Caveats (See cover le	etter for explanati	on of abbreviation	ons)				
96EIROZ100: NR ecoregion; M collected.	BI 3.00; HI 75;	0.6 cfs. No ma	acroinvertebrate (cold water indicators			
Assessor Information							
Name: Chris Mebane			_0_				
Affiliation: Division of Environment Idaho Falls Region 900 N. Skyline, Sui Idaho Falls, ID 834	al Office ite B		Signature	4/14/97			

Appendix 5

Air Temperature Data

30 Year Averages (1961 – 1990) of Daily Air Temperatures at Dixie, Idaho (Station #102575) for the Time Period Between July $\mathbf{1}^{st}$ and September $\mathbf{30}^{th}$.

NOAA Western Regional Climate Center www.wrcc.dri.edu

Julian Day Aye Max Air Aye Min Air Julian Day Aye Max Air Aye Min Air

Julian Day	Ave. Max. Air Temp. (°F)	Ave. Min. Air Temp. (°F)	Julian Day	Ave. Max. Air Temp. (°F)	Ave. Min. Air Temp. (°F)
102 (T.11)			220		* ` ′
183 (July 1)	71.1	36.4	229	75.9	35.4
184	71.4	36.5	230	75.5	35.3
185	71.7	36.5	231	75.2	35.1
186	71.9	36.5	232	74.9	34.9
187	72.2	36.6	233	74.5	34.7
188	72.5	36.6	234	74.2	34.4
189	72.8	36.7	235	73.9	34.3
190	73.1	36.7	236	73.7	34.2
191	73.4	36.7	237	73.4	34.0
192	73.7	36.7	238	73.1	33.8
193	74.0	36.7	239	72.7	33.5
194	74.2	36.7	240	72.4	33.3
195	74.6	36.8	241	72.0	33.1
196	74.9	36.9	242	71.6	32.8
197	75.3	37.0	243	71.2	32.5
198	75.5	37.1	244	70.8	32.2
199	75.8	37.1	245 (Sep 1)	70.4	32.0
200	76.0	37.2	246	70.0	31.8
201	76.3	37.2	247	69.7	31.5
202	76.4	37.2	248	69.4	31.2
203	76.6	37.1	249	69.1	31.0
204	76.8	37.2	250	68.6	30.8
205	77.0	37.1	251	68.1	30.6
206	77.1	37.0	252	67.7	30.3
207	77.3	36.9	253	67.4	30.1
208	77.5	36.9	254	67.1	29.9
209	77.7	36.9	255	66.8	29.7
210	78.0	36.9	256	66.5	29.5
211	78.1	36.9	257	66.2	29.4
212	78.2	36.9	258	65.8	29.2
213	78.2	37.0	259	65.5	29.0
214 (Aug 1)	78.3	36.9	260	65.4	28.8
215	78.4	36.9	261	65.1	28.6
216	78.3	36.8	262	64.8	28.5
217	78.2	36.7	263	64.4	28.3
218	78.1	36.6	264	63.9	28.1
219	77.9	36.6	265	63.4	27.8
220	77.7	36.5	266	63.0	27.5
221	77.5	36.4	267	62.6	27.2
222	77.4	36.4	268	62.1	27.0
223	77.2	36.3	269	61.7	26.8
224	77.0	36.2	270	61.2	26.6
225	76.7	36.0	271	60.9	26.4
226	76.5	35.8	272	60.6	26.3
227	76.2	35.7	273	60.3	26.2
228	76.0	35.5	274 (Sep 30)	59.9	26.0

Monthly Average Air Temperatures at Dixie, Idaho (Station #102575) for the Period of Record: 6/18/1952 to 7/31/2000.

NOAA Western Regional Climate Center www.wrcc.dri.edu

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Ann
Ave Max Air	30.6	35.6	39.9	46.7	56.6	65.9	75.9	75.8	66.7	54.0	38.3	31.2	51.4
Temperature (°F)													
Ave Min Air	4.5	7.3	12.6	21.0	28.6	34.8	36.8	35.1	28.9	22.7	14.3	5.6	21.0
Temperature (°F)													
Ave Total	3.62	2.63	2.67	2.24	2.44	2.55	1.12	1.32	1.38	1.86	3.20	3.55	28.57
Precipitation (in)													
Ave Total	42.9	28.5	27.1	15.7	5.2	0.5	0.0	0.0	0.9	5.3	28.2	40.8	195.2
Snowfall (in)													
Ave Snow Depth	36	42	39	24	4	0	0	0	0	0	6	21	14
(in)													